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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/779,294	02/07/2001	William O. White	10-00	6589
7590	07/12/2004		EXAMINER	
Greenlee, Winner and Sullivan, P.C. Suite 201 5370 Manhattan Circle Boulder, CO 80303			WANG, LIANG CHE A	
			ART UNIT	PAPER NUMBER
			2155	4
DATE MAILED: 07/12/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/779,294

Applicant(s)

WHITE, WILLIAM O.

Examiner

Liang-che Alex Wang

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) Responsive to communication(s) filed on 07 February 2001.  
2a) This action is FINAL.                                    2b) This action is non-final.  
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) Claim(s) 1-15 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) Claim(s) \_\_\_\_\_ is/are allowed.  
6) Claim(s) 1-15 is/are rejected.  
7) Claim(s) \_\_\_\_\_ is/are objected to.  
8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) The specification is objected to by the Examiner.  
10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All    b) Some \* c) None of:  
1. Certified copies of the priority documents have been received.  
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) Notice of References Cited (PTO-892)  
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.

4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) Notice of Informal Patent Application (PTO-152)  
6) Other: \_\_\_\_\_.

## **DETAILED ACTION**

1. Claims 1-15 have been examined

### ***Paper Submitted***

2. It is hereby acknowledged that the following papers have been received and placed of record in the file:
  - a. **Information Disclosure Statements** in paper number 2 as received on 02/07/2001 is considered.

### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Yim et al.,

hereinafter Yim.

5. Referring to claim 1, Yim has taught an Internet access system (figure 1) comprising:

- a. one or more shareable terminals (terminals 4s resides in Hs);
- b. a DSLAM (item 10);
- c. telephone wiring, coupled to said shareable terminal and to said DSLAM (Col 1 lines 54-65, terminals are connected with DSLAM in a telephone network.)

- d. a central server, coupled to said DSLAM (item 17 and U0, and U1 are viewed as the central server);
- e. an Internet connection, comprising a trunk line coupled to said central server and to an Internet services (item 19 and 16.)

6. Referring to claim 2, Yim has further taught wherein said shareable terminal (Figure 1 item Ho) comprises:

- a. a display device (item 4o);
- b. one or more input device (item 4o);
- c. a data buffer (Col 8 lines 49-51);
- d. a DSL modem (item 2o);
- e. supporting circuitry interconnecting said display device, said user-input device, said data buffer and said DSL modem (see figure 1, all the links connected among DSL modem, computer terminal and DSLAM are the interconnected supporting circuitry.)

7. Referring to claim 3, Yim has further taught a DSL modem coupled to said shareable terminal and to said telephone wiring (item 2o.)

8. Referring to claim 4, Yim has further taught wherein one or more telephones are coupled to said telephone wiring (item 6o.)

9. Referring to claim 5, Yim has further taught a line filter between said telephone and said telephone wiring (item 8o, and Col 3 lines 49-54.)

10. Referring to claim 6, Yim has further taught wherein PBX is coupled to said telephone wiring (item 12.)

11. Referring to claim 7, Yim has further taught a line filter between said telephone wiring and said DSLAM (item 8o, and Col 3 lines 49-54.)
12. Referring to claim 8, Yim has further taught wherein said central server (item 17) comprises: a storage device(RAM and hard-drive); and operating system (WINDOWS, Col 10 lines 23-34); and one or more application program (SNMP applications Col 10 lines 23-34).
13. Referring to claim 9, Yim has further taught wherein said central server and said DSLAM are contained within a secure enclosure (Figure 1, dashed area is viewed as a secure enclosure.)
14. Referring to claim 10, Yim has further taught wherein said telephone wiring comprises telephone wiring existing prior to installation of said system (Col 1lines 20-29, DSL is a improvement to a conventional telephone system, therefore a telephone wiring must be existing prior to installation of said system.)
15. Referring to claims 11 and 12, Yim has further taught wherein said central server comprises a server installation existing prior to installation of said system and wherein said Internet connection comprises Internet connection existing prior to installation of said system (the installation of said system is constructed by having said central server installed and having the Internet connection. Therefore these two elements must be existing in order for the completion of the installation of said system.
16. Referring to claim 13, Yim has taught a method for providing Internet access comprising the steps of:
  - a. providing one or more shareable terminals (terminals 4s resides in Hs);

- b. providing telephone wiring (Col 1 lines 54-65, terminals are connected with DSLAM in a telephone network);
- c. connecting the terminals to the wiring (Col 1 lines 54-65, terminals are connected with DSLAM in a telephone network);
- d. providing a DSLAM (item 10);
- e. connecting the wiring to the DSLAM (Col 1 lines 54-65, terminals are connected with DSLAM in a telephone network);
- f. providing a central server (item 17);
- g. connecting the DSLAM to the server (items 17 and 10);
- h. providing an Internet connection (item 16);
- i. connecting the central server to the Internet connection (Col 1 lines 54-65.)

17. Referring to claim 14, Yim has further taught a method for adding Internet access to existing telephone wiring (see figure 1)comprising the steps of:

- a. providing one or more shareable terminals (terminals 4s resides in Hs);
- b. providing one or more DSL modems (items 2s);
- c. coupling the terminal to DSL modem (item 2o and 4o);
- d. coupling the DSL modem to the existing wiring (linking among items 2, 6, 8, 10);
- e. providing a DSLAM (item 10)
- f. coupling the existing wiring to the DSLAM (linking among items 2, 6, 8, 10);
- g. coupling the DSLAM to a central server (items 10 and 17);
- h. coupling the server to an Internet connection (items 17 and item 16, and Col 1 lines 54-65.)

18. Referring to claim 15, Yim has further taught the steps of:

- a. providing said central server (item 17);
- b. providing said Internet connection (item 16.)

***Conclusion***

19. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Applicant is reminded that in amending in response to a rejection of claims, the patentable novelty must be clearly shown in view of the state of the art disclosed by the references cited and the objection made. Applicant must show how the amendments avoid such references and objections. See 37 CFR 1.111(c).

20. Cupps et al., US Patent Number 5,991,739, has taught a internet online order method and apparatus.

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Liang-che Alex Wang whose telephone number is (703) 305-8159. The examiner can normally be reached on Monday thru Friday, 8:30 am to 5:00 pm.

22. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T Alam can be reached on (703)308-6662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

23. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Liang-che Alex Wang *fw*  
June 22, 2004



*Patrice Winder*  
PATRICE WINDER  
PRIMARY EXAMINER